



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
PATENT APPLICATION

Appl. No. : 10/749,416  
Applicant : Kendall S. Wills et al.  
Filed : December 31, 2003  
TC/A.U. : 2863  
Examiner : Bui, Bryan

Confirmation No. 9565

Docket No. : T1-37082  
Customer No. : 23494

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

CERTIFICATE OF MAILING OR TRANSMISSION

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage for First Class Mail in an envelope addressed to: Commissioner for Patents, Alexandria, VA 22313-1450 or is being facsimile transmitted on the date indicated below.

9-2-2005  
*Jackie McBride*  
Jackie McBride

DECLARATION UNDER 37 C.F.R. 1.131

Sir:

KENDALL S. WILLS, KARTIK RANAMUJACHAR and MICHAEL D. DOCKINS  
declare as follows:

1. THAT they are the applicants in the subject application for Letters Patent;
2. THAT they conceived the invention as set forth in the attached invention disclosure, the attached paper entitled Wavelet Analysis of One or More Time Domain Reflectometry (TDR) Signals to Determine One or More Characteristics of One or More Anomalies in a Wire and in the subject application for Letters Patent in the United States prior to May 12, 2003 and continually worked on the subject invention up to their reduction to practice as well as up to the filing of the provisional application Serial No. 60/486,663, filed July 11, 2003, all in the United States;

3. THAT they reduced the invention to practice as disclosed in the subject application in the United States prior to May 12, 2003;

4. THAT all redacted dates on the attached page(s) of the laboratory notebook are prior to May 12, 2003.

I declare under penalty of perjury that the above stated facts are true and correct on information and belief.

\_\_\_\_\_  
Kendall S. Wills

\_\_\_\_\_  
Date

\_\_\_\_\_  
Kartik Ramanujachar

\_\_\_\_\_  
Date

  
\_\_\_\_\_

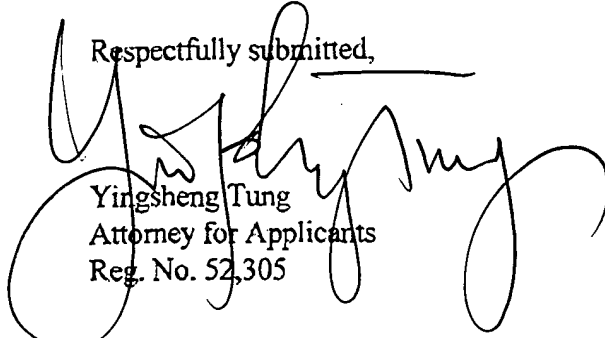
Michael D. Dockins

30 August 2005

Date

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Respectfully submitted,

  
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